

ABSTRACT OF THE DISCLOSURE

The invention provides a device, such as a semiconductor device, that accesses at least one semiconductor storage medium. The semiconductor device includes a given bus master that functions as a bus master, a bus interface that controls access to semiconductor storage media based on access request from the bus master, and a clock-supply-control circuit that controls the presence of the supply of a clock to the bus interface based on access state information that indicates a state of access to the semiconductor storage media. The clock-supply-control circuit stops the supply of the clock to the bus interface if access is not in execution, and supplies the clock to the bus interface if access is in execution. Accordingly, the power consumption of a semiconductor device that accesses at least one semiconductor storage medium can be reduced.